FIG. 1

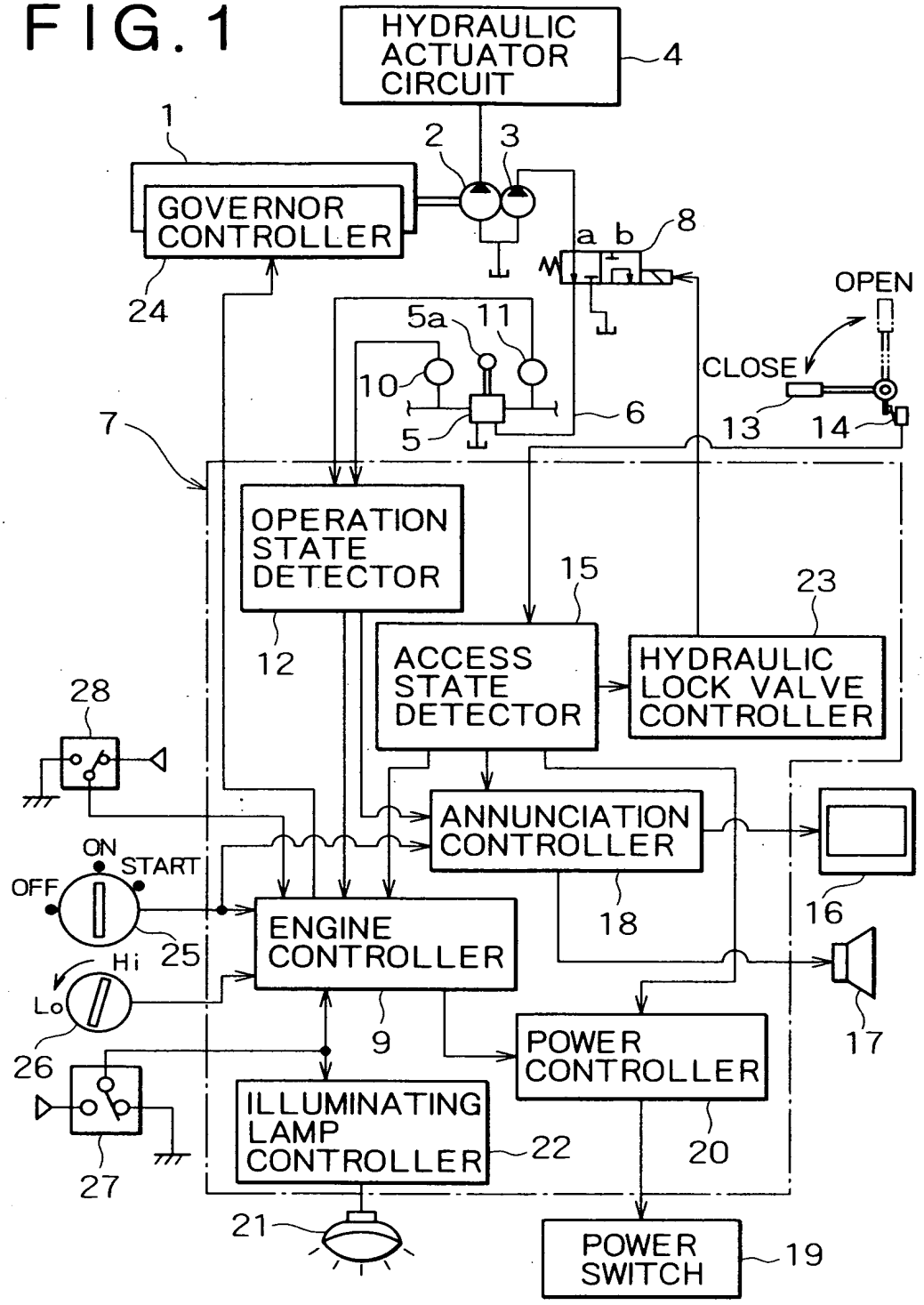

HYDRAULIC ACTUATOR CIRCUIT
4
1
2
3
GOVERNOR CONTROLLER
24
a b
8
OPEN
CLOSE
5a
11
10
6
5
13
14
7
OPERATION STATE DETECTOR
12
15
ACCESS STATE DETECTOR
23
HYDRAULIC LOCK VALVE CONTROLLER
28
ANNUNCIATION CONTROLLER
16
ON
START
OFF
25
ENGINE CONTROLLER
18
Hi
Lo
26
9
POWER CONTROLLER
17
ILLUMINATING LAMP CONTROLLER
22
20
27
21
POWER SWITCH
19

FIG. 2

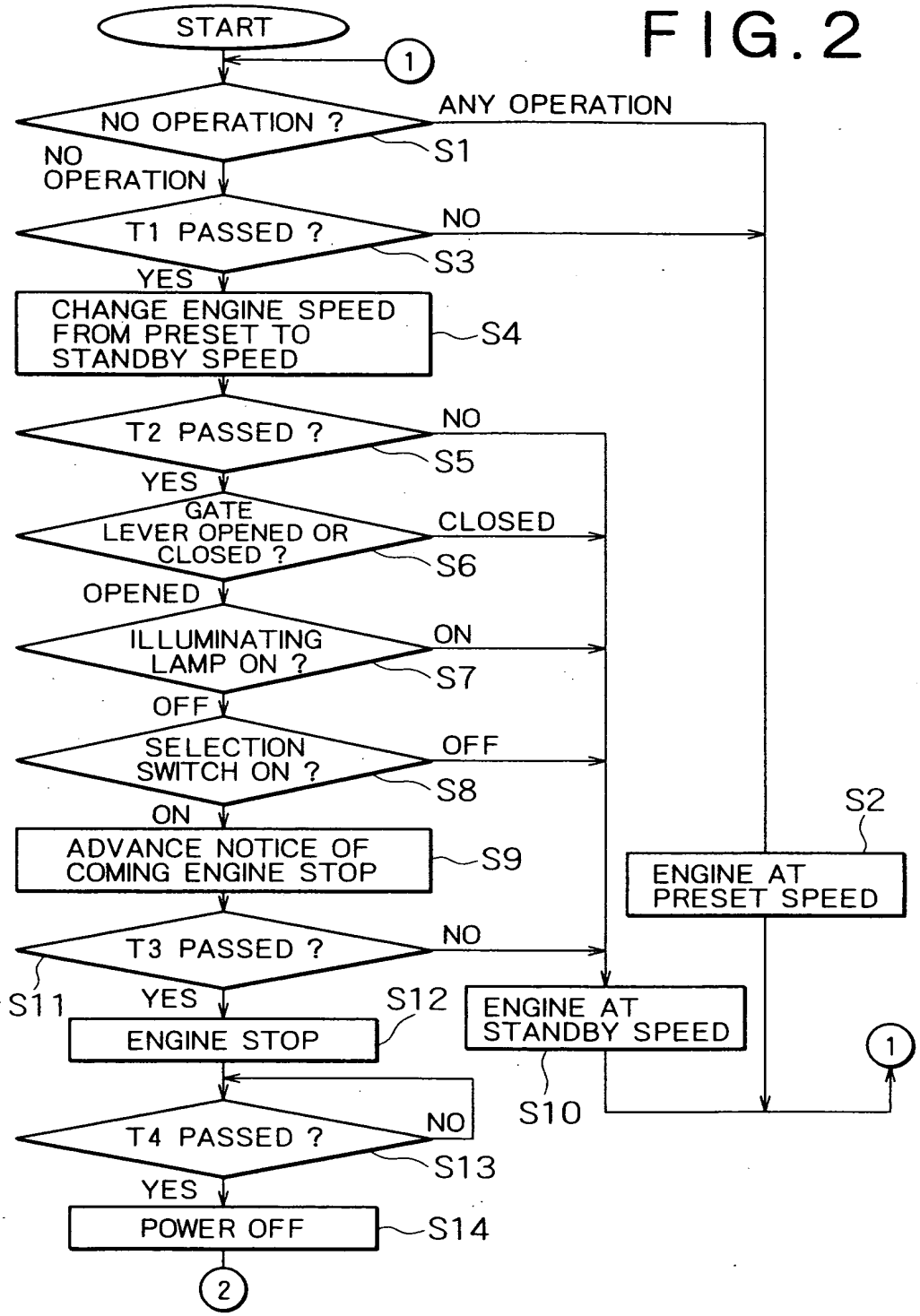

START
1
NO OPERATION ?
ANY OPERATION
S1
NO OPERATION
T1 PASSED ?
NO
S3
YES
CHANGE ENGINE SPEED FROM PRESET TO STANDBY SPEED
S4
T2 PASSED ?
NO
S5
YES
GATE LEVER OPENED OR CLOSED ?
CLOSED
S6
OPENED
ILLUMINATING LAMP ON ?
ON
S7
OFF
SELECTION SWITCH ON ?
OFF
S8
ON
ADVANCE NOTICE OF COMING ENGINE STOP
S9
T3 PASSED ?
NO
S11
YES
S12
ENGINE STOP
T4 PASSED ?
NO
S13
YES
POWER OFF
S14
2
S2
ENGINE AT PRESET SPEED
ENGINE AT STANDBY SPEED
S10
1

FIG. 3

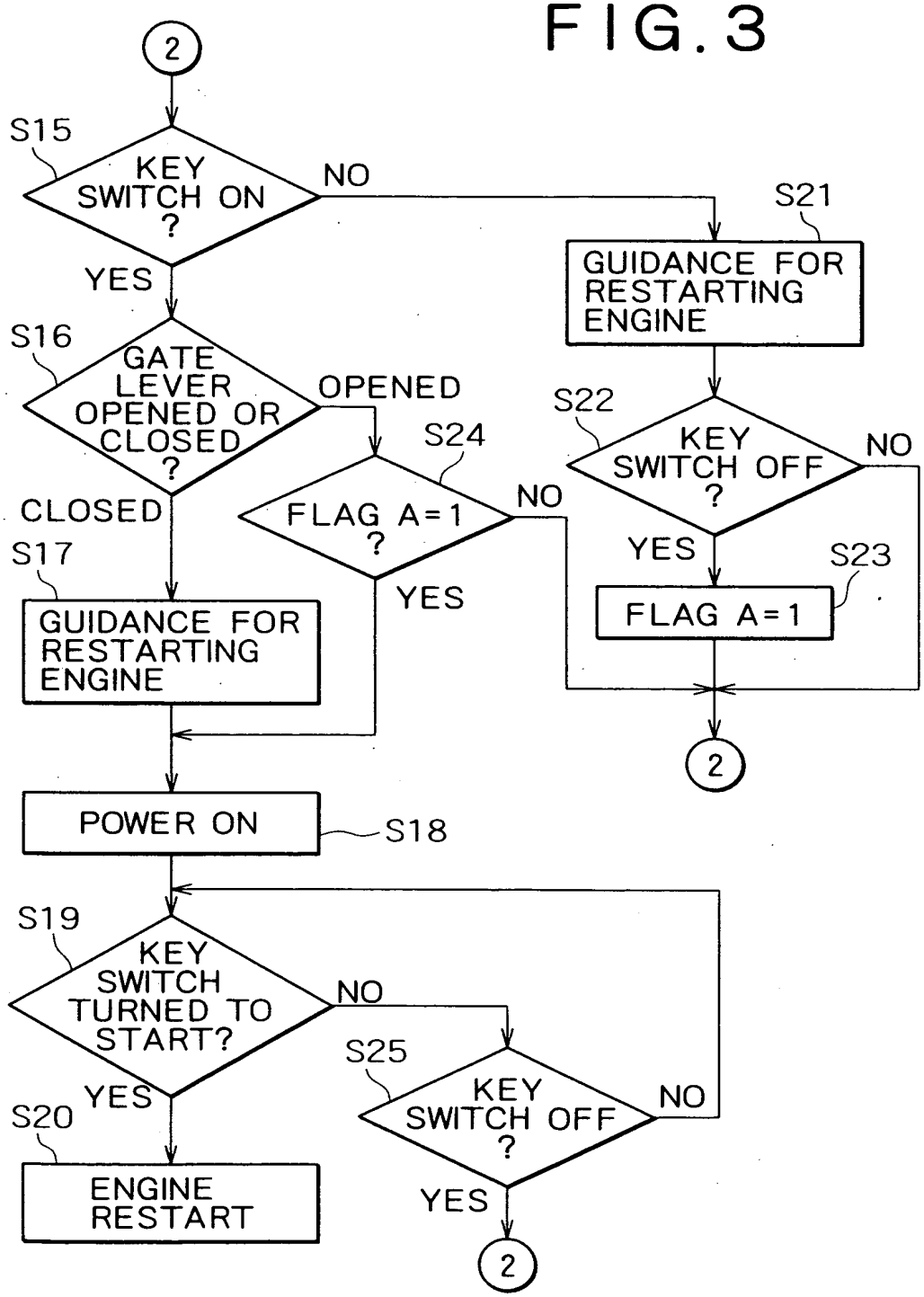

2
S15
KEY SWITCH ON ?
NO
S21
GUIDANCE FOR RESTARTING ENGINE
YES
S16
GATE LEVER OPENED OR CLOSED ?
OPENED
S22
KEY SWITCH OFF ?
NO
S24
FLAG A=1 ?
NO
CLOSED
YES
S23
FLAG A=1
S17
GUIDANCE FOR RESTARTING ENGINE
YES
2
POWER ON
S18
S19
KEY SWITCH TURNED TO START?
NO
S25
KEY SWITCH OFF ?
NO
YES
S20
YES
ENGINE RESTART
2

FIG. 4

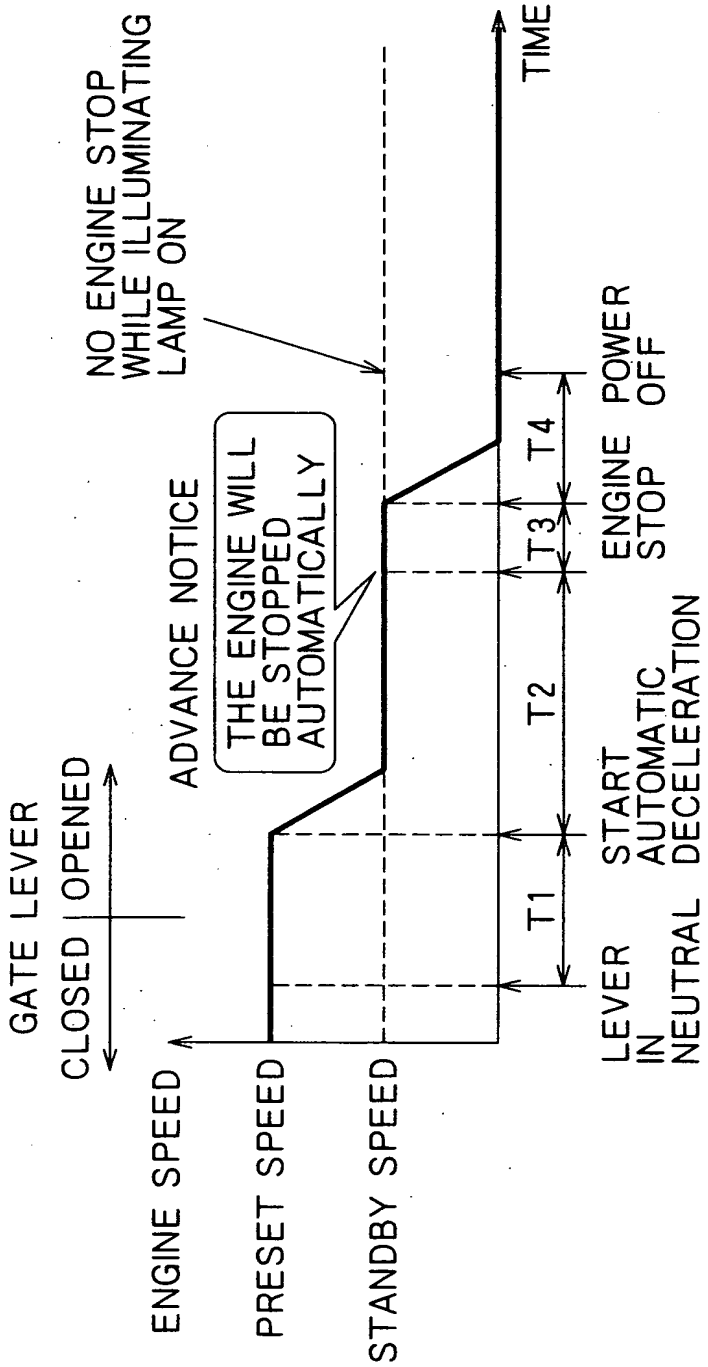

TIME
NO ENGINE STOP WHILE ILLUMINATING LAMP ON
ADVANCE NOTICE
THE ENGINE WILL BE STOPPED AUTOMATICALLY
GATE LEVER
CLOSED
OPENED
ENGINE SPEED
PRESET SPEED
STANDBY SPEED
T1
T2
T3
T4
LEVER IN NEUTRAL
START AUTOMATIC DECELERATION
ENGINE STOP
POWER OFF

FIG. 5

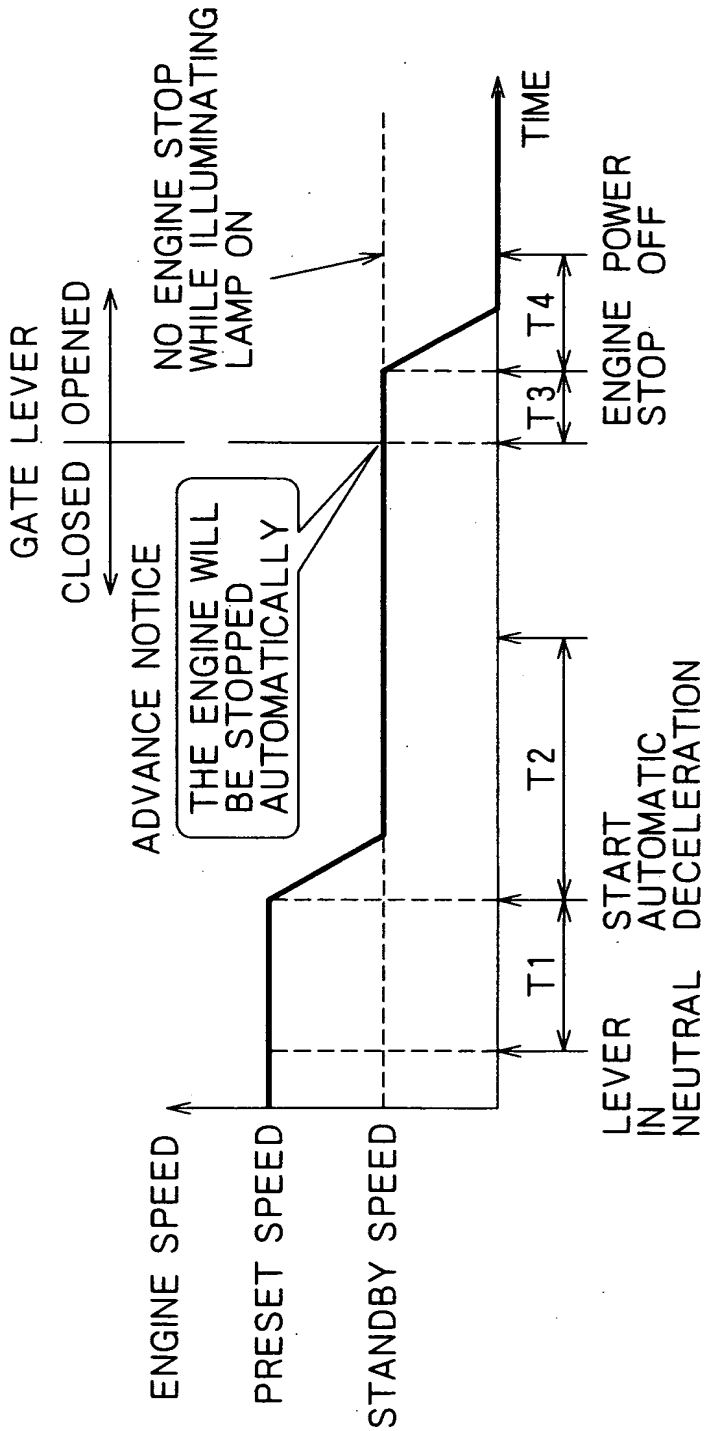

ENGINE SPEED
PRESET SPEED
STANDBY SPEED
TIME
GATE LEVER
CLOSED
OPENED
ADVANCE NOTICE
THE ENGINE WILL BE STOPPED AUTOMATICALLY
NO ENGINE STOP WHILE ILLUMINATING LAMP ON
LEVER IN NEUTRAL
START AUTOMATIC DECELERATION
ENGINE STOP
POWER OFF
T1
T2
T3
T4

FIG. 6

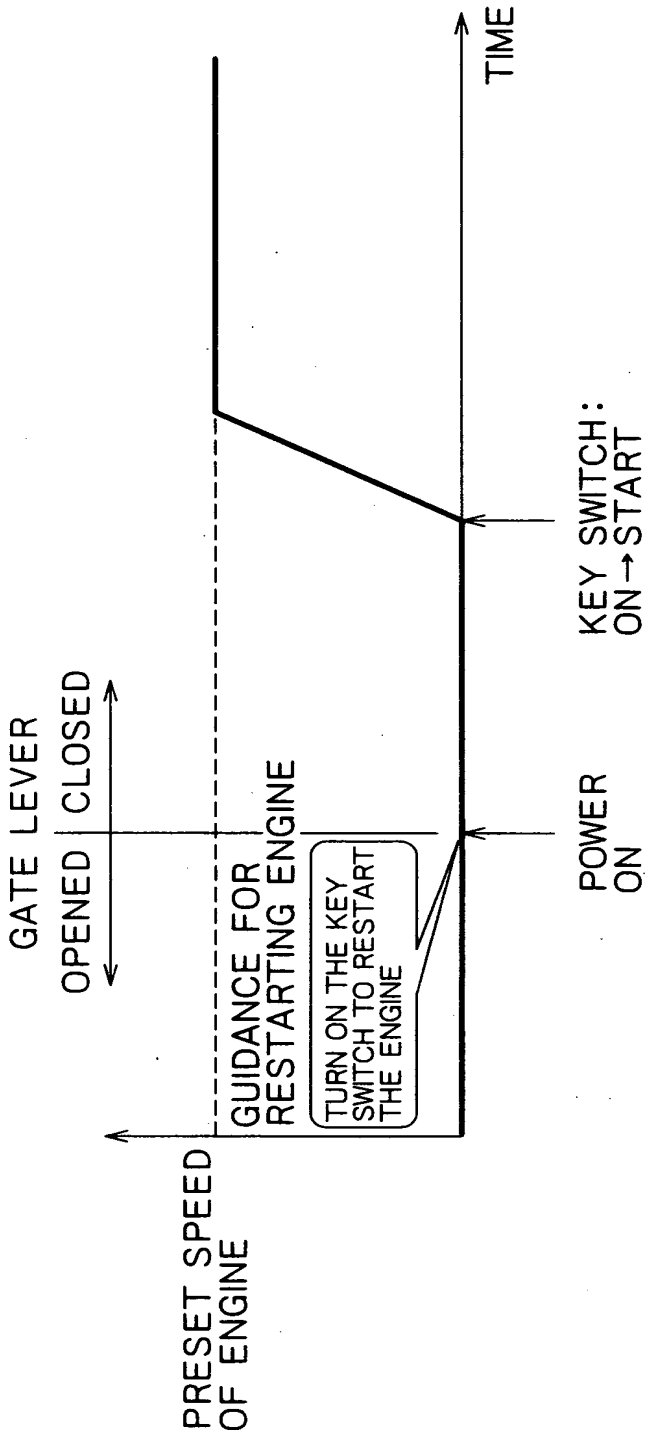

TIME
KEY SWITCH:
ON→START
POWER
ON
GATE LEVER
OPENED
CLOSED
GUIDANCE FOR
RESTARTING ENGINE
TURN ON THE KEY
SWITCH TO RESTART
THE ENGINE
PRESET SPEED
OF ENGINE

FIG. 7

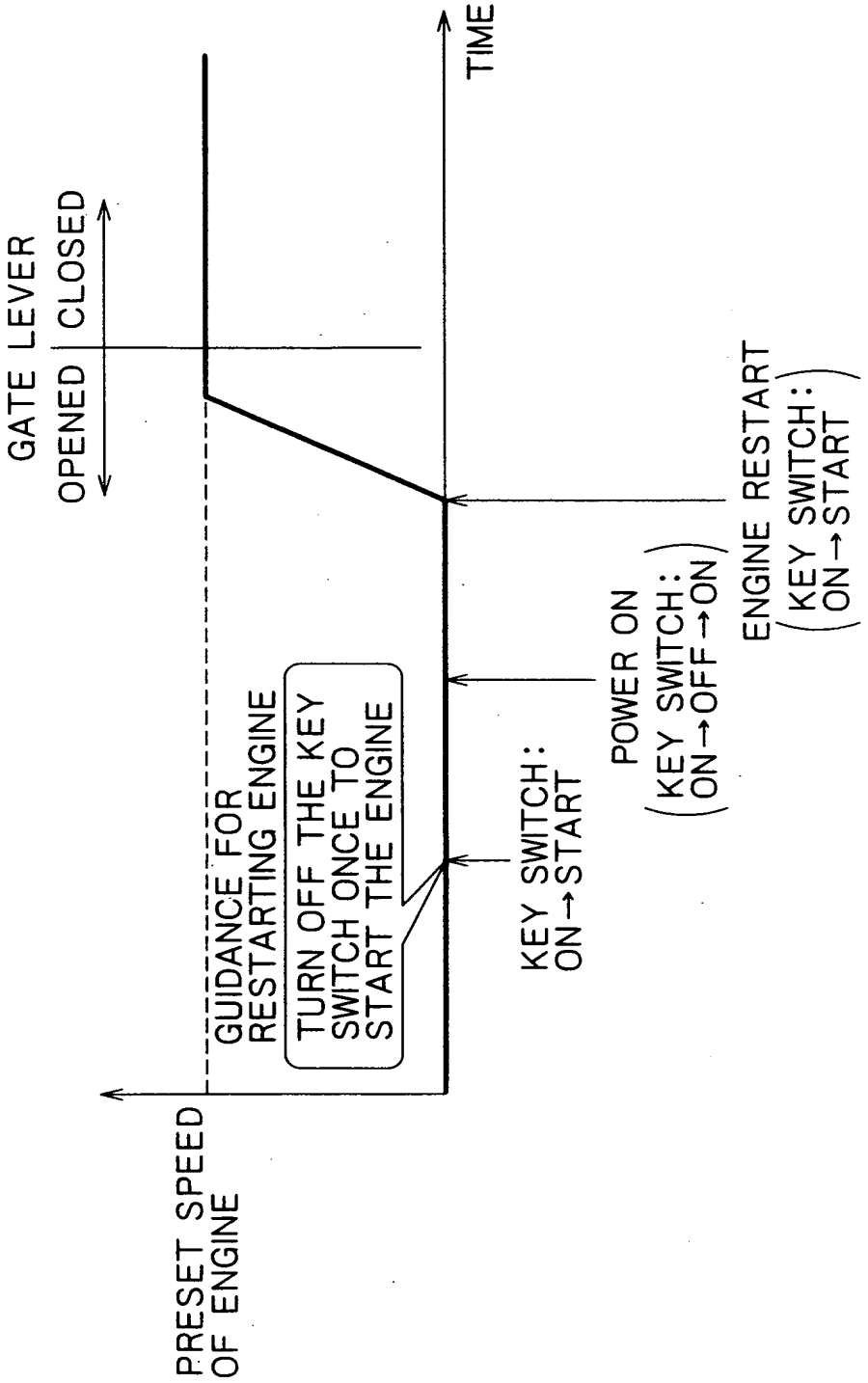

TIME
GATE LEVER
OPENED
CLOSED
PRESET SPEED OF ENGINE
GUIDANCE FOR RESTARTING ENGINE
TURN OFF THE KEY SWITCH ONCE TO START THE ENGINE
KEY SWITCH: ON→START
POWER ON (KEY SWITCH: ON→OFF→ON)
ENGINE RESTART (KEY SWITCH: ON→START)

FIG. 8

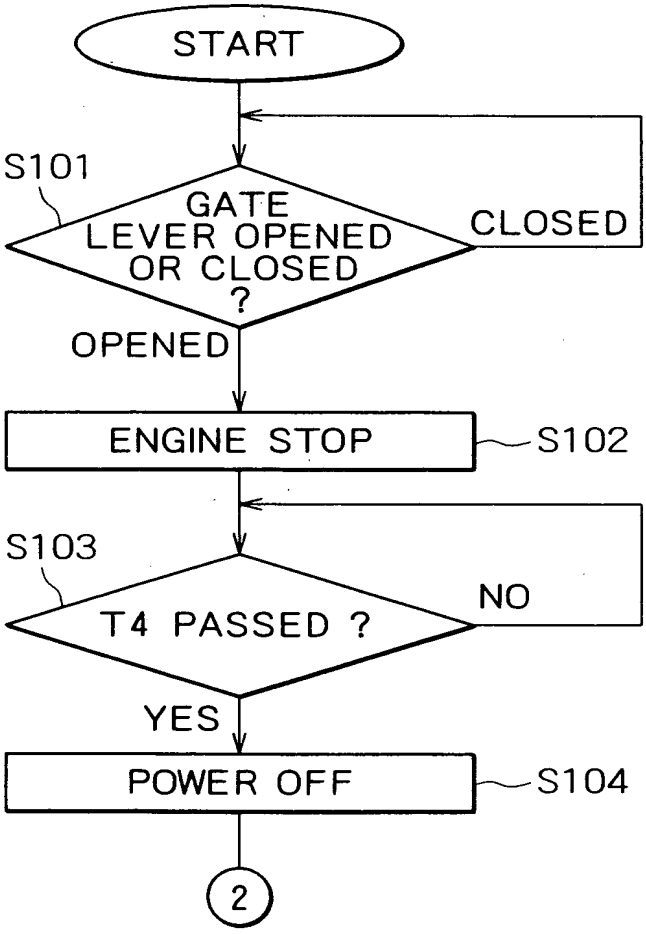
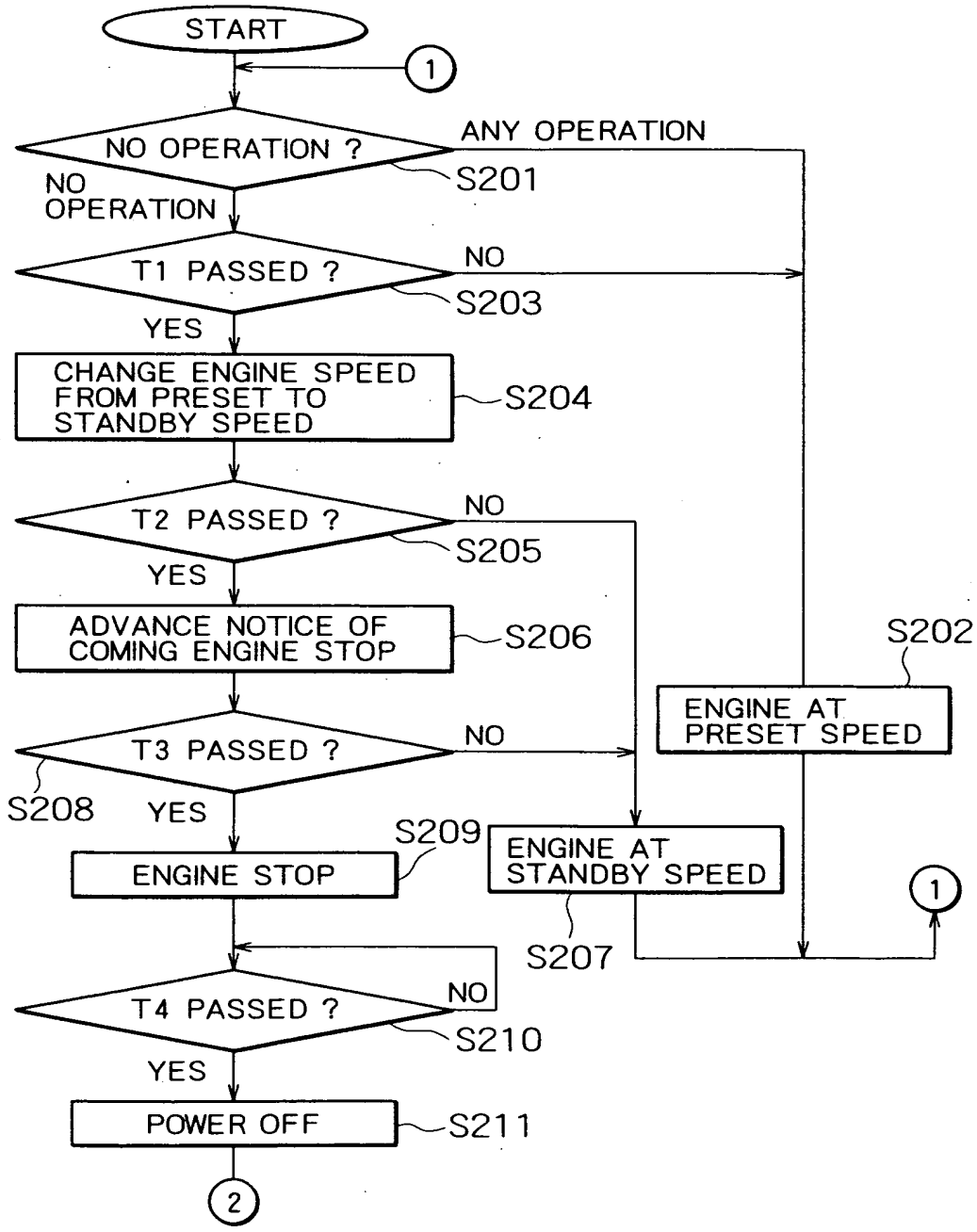


FIG. 9


START
1
NO OPERATION ?
ANY OPERATION
S201
NO OPERATION
T1 PASSED ?
NO
S203
YES
CHANGE ENGINE SPEED FROM PRESET TO STANDBY SPEED
S204
T2 PASSED ?
NO
S205
YES
ADVANCE NOTICE OF COMING ENGINE STOP
S206
S202
ENGINE AT PRESET SPEED
T3 PASSED ?
NO
S208
YES
S209
ENGINE STOP
ENGINE AT STANDBY SPEED
S207
1
T4 PASSED ?
NO
S210
YES
POWER OFF
S211
2